Potable Water Truck
Pre-use Inspection Form

2012

_____ PASS _____ FAIL (Submit failed equipment documentation to CO)

Incident Name _____

Incident # _____E #: _____

Vendor Name: _____Agreement #_____

Equipment VIN/Unit ID#_____

Yes: _____ No: _____Equipment VIN/Unit ID# matches RESOURCE ORDER

Inspector: (print)_____Agency:_____

Signature:_____Date:_____

Operator Name (print)_____

Operator Signature: _____ Date:_____

Yes: _____ No: _____**Vehicle Truck /Trailer Passes Safety Inspection**: (OF-296)

Information to be provided by contractor at check-in. (D.8)

Yes _____ No_____ The Contractor shall carry a minimum of two copies of the complete Agreement at all times.

Tanks: Tank Size In Gallons: _____ Plastic: _____ Stainless Steel: _____

Potable water tanks shall be:

Yes _____ No_____ Used exclusively for drinking water. Do not use containers for any non-food products. The potable water system, including filling hose and lines, pumps, tanks and distribution pipes, shall be separate and distinct from other waste systems. Do not use containers that have ever been previously used for grey water, toxic or bio-hazardous substances. (Reference: Code of Federal Regulations, Title 21, Section 129.40) (D.2.1.2.1.a.1)

Yes_____ No_____ Clearly and conspicuously labeled with the words "POTABLE" or "FOR DRINKING WATER USE ONLY" on both sides of the tank in lettering at least 4 inches in height. (D.2.1.2.1 a 2)

Yes_____ No_____ The capacity of the tank (in gallons) displayed on both sides of the tank or on both cab doors in lettering at least 2 inches in height. (D.2.1.2.1.a. 2)

Yes_____ No_____ The name and address of the Contractor displayed on both sides of the tank or on both truck cab doors in lettering at least 2 inches in height. (D.2.1.2.1 a 2)

Yes_____ No_____ A seal or sticker provided by the State or local authority shall be affixed to the upper right quarter of the rear of the tank or other location if specified by the issuing agency and shall be visible at all times indicating that the tank has been inspected, certified, and found to

be in compliance with State requirements. If stickers are not provided by a State, a copy of the certificate or label will be kept in the transport vehicle at all times.
(D.2.1.2.1.a. 2)

Yes_____ No_____ A annual inspection and certification of the tank by local health authority is required. In addition, the carrier shall meet all laws and regulations for hauling on public roads. If the tank is part of the transport vehicle, then both the tank and the vehicle must meet State requirements, and the appropriate inspection and certification will be maintained for the vehicle. (D.2.1.2.1.a. 2)

State Seal/Sticker No:_____ --OR-- Health Authority Certificate/Label: No:_____ State: ____

Yes_____ No_____ 400 gallon capacity or greater and be made of non-toxic, non-corrodible/non absorbent materials or coated with non-toxic coatings complying with National Safety Foundation (NSF) International Standard 61 that can be adequately cleaned and sanitized. Examples are non-baffled stainless steel, food contact plastics (polyethylene), and food contact epoxy coatings. Surfaces that come in contact with water shall be smooth, without pits, dents, or crimps that may hold contaminating matter and welds must be of non-corrosive materials. (D.2.1.2.1.a. 4)

Yes ____ No _____ Openings: Hatches and other openings shall be completely covered and sealed with tight fitting coverings, permanently mounted food-grade gaskets and security locks. Water Inlets and outlets shall be equipped with threaded or clamped caps, tethered to the ports with chain or cable. Inlet and outlet caps shall be in place on all fittings except when water is being discharged or loaded. D.2.1.2.1.b.1)

Yes ____ No _____ Tank Vents: Vents will be designed to prevent water contamination. Tanks shall be vented by a downward facing, or otherwise protected vent opening of a sufficient size to allow air to replace water as it is discharged. This opening shall be protected by an appropriate screen as required in the state that certifies the equipment. If a State does not certify the equipment, the screen will be made from non-toxic, non-absorbent material at a minimum. (D.2.1.2.1.b. 2 & 3)

Yes ____ No _____ Drain: Each potable water tank shall be provided with a means of drainage and if it is equipped with a manhole, overflow, vent, or a device for measuring depth of water, provision shall be made to prevent entrance into tank of any contaminating substance. No deck or sanitary drain or pipe carrying non-potable water or liquid shall be permitted to pass through the tank. A bottom drain shall be provided to facilitate complete discharge of water during sanitation procedures. (D.2.1.2.1.b. 4)

Yes_____ No_____ Tank Filling Mechanisms: There shall be no backflow or cross connection between potable water systems and any other systems**. Pipes and fittings conveying potable water to any fixture, apparatus, or equipment shall be installed in such a way that backflow will be prevented.** Waste pipes from any part of the potable water system, including treatment devices, discharging to a drain, shall be suitably protected against backflow. Either of the following methods may be used: (D.2.1.2.1.c. a & b)

> (a) An approved backflow prevention device complying with Uniform Plumbing Codes 603.3.1, 2, 3, 4, 5 and 8 such as acceptable double check valves on the direct filling connection to the tank. No connections shall be located between the tank and the check valve. (b) Overhead filling through a hatch opening at the top of the tank; the filling

spout must not be allowed to intrude into the tank further than two diameters of the filling pipe above the highest water level that is possible when the tank is filled. If an overhead filler pipe is mounted on the vehicle, when not being used for filling, this pipe shall be capped at each end with threaded or clamped caps, and tethered to the fittings at the ends of the filler pipe.

Pumps:

Yes_____ No_____ Pumps: Only water transfer pumps which can be readily disassembled to demonstrate the condition of the impeller and impeller chamber shall be used. Internal pump water contact surfaces, including seals, bearing, and lubricants must be constructed from food-grade materials and must be smooth, non-porous, and corrosion resistant and use acceptable food-grade lubricants. **Manufacturer's data stating pump is food grade shall be made available to the Government upon request**. (D.2.1.2.1.d.1)

Serial No: _____ Make: _____
Model: _____

Hoses:

Yes_____ No_____ Hoses: Hoses shall have a smooth interior surface made of food-grade standard materials or materials meeting NSF International Standard 61. Pumps, hoses, fittings, valves and similar equipment shall be made of food-grade materials or materials meeting NSF International Standard 61 and shall be kept clean, disinfected and operated or handled in a manner that prevents contamination and capped or closed when not in use. Hoses should be marked/labeled "potable water" and no galvanized pipes or fittings may be used. (D.2.1.2.1.e.1&2)

Yes____ No____The ends of all hoses shall be provided with threaded or clamped caps. Such caps shall be in place when hoses are not in use. Hoses in storage compartments must also be capped.

Operational Requirements and Bacterial Testing

Yes_____No_____ Written procedures for equipment cleaning shall be maintained by the contractor and shall be kept with the hauling vehicle at all times. A copy of the contractors equipment cleaning and sanitizing procedures log shall be provided to the Contracting Officer or designated Government representative upon request. (D.2.1.2.1.f.2)

Yes_____ No_____ At a minimum or when required by the local jurisdiction or state law one microbiological test for total coliform shall be preformed within 2 established days of the time of arrival at the incident at a certified laboratory. In addition, a test shall be performed on the first water load following any of the required sanitation procedures, whenever switching to a different water source and/or at least once every 30 days during months when water hauling is performed and/or whenever such analysis is required by state or local health authorities or Government representatives. (D.2.1.2.1.f. 3)

Yes_____ No_____ Contractors shall have chlorine residual test kits available at all times and test for free chlorine residual levels when:

a. Loading drinking water for transport.
b. After adding any disinfectant, if the addition of disinfectant is necessary,
c. When unloading

d. Every 24 hours the water is in use (provide with daily use documentation) (D.2.1.2.1.f. 6)

Yes_____ No_____ Maintain records of activities on board the vehicle showing water source location, dates, and times of loading, unloading, chlorine residual test results, cleaning/sanitizing, and other operational items as deemed necessary. Contractor will provide copies of these records to the Incident Commander or designated Government representative. (D.2.1.2.1.f. 7)

Failure of the contractor to perform the required testing at the times specified is grounds for immediate termination of the agreement. (D.2.1.2.1.f. 8)

Accessibility

Yes ____ No ____ Each truck shall be accessible to individuals for filling canteens or other water containers. It shall have a minimum of seven valved outlets evenly spaced on a minimum 1-1/2" pipe. All materials used for plumbing the canteen filling stations must be constructed of food grade materials or acceptable metal (brass, aluminum, stainless steel, or copper). Must have effective backflow prevention (check valves), and dispensing spouts or hose bibs. (Threaded faucets require vacuum breakers) (D.2.1.2.1.i.1)

Comments: _____